AUDIT REPORT

Hostname: Dist_Router Config file name: dist-router.txt

Config hash: fd2712fba7473a1f7ae2f5295b74807c2d105911

Vendor: cisco OS: ios

Facility layer: distribution L3 protocols: ipv4,ipv6

Enabled functions: rip,ospf ipv4,eigrp named Date: 18/05/2020_09:49

SUCCESS STATISTICS

Weighted score 95 out of 100 coefficient:

Successful checks: 92.8% Unsuccessful checks: 7.2%

Total number of relevant 139

started checks:

Successful checks: 129 Unsuccessful 'Critical': Unsuccessful 'High': Unsuccessful 'Medium': 4 Unsuccessful 'Low': 1 Unsuccessful 'Notice':

Authentication, Authorization, Accounting

No.	Name	Severity	Skipped	Cannot determine search/fix		
1	AAA new model/ Enabled AAA	High	False	False	Successful 🗸	
_	t configuration setting found in: ew-model					
2	AAA server set	High	False	False	Successful 🗸	
radiu: addre	t configuration setting found in: s server RADIUS_SERVER ss ipv4 192.168.60.11 auth-port 1645 acct-port 16 adKey1	546				
3	AAA server group	High	False	False	Successful 🗸	
aaa g	t configuration setting found in: roup server radius RADIUS_SERVER r name RADIUS_SERVER					
4	AAA authentication login	High	False	False	Successful 🗸	
_	t configuration setting found in: uthentication login default group RADIUS_SERVER	local enable				
5	AAA authentication login fallback	High	False	False	Successful 🗸	
Right configuration setting found in: aaa authentication login default group RADIUS_SERVER local enable						

6	AAA authentication login only local disabled	High	False	False	Successful 🗸					
7	AAA authentication login none disabled	Critical	False	False	Successful 🗸					
8	AAA authentication "enable"	Medium	False	False	Successful 🗸					
	Right configuration setting found in: aaa authentication enable default group RADIUS_SERVER enable									
9	AAA authentication "enable" fallback	Medium	False	False	Successful 🗸					
	t configuration setting found in: outhentication enable default group RADIUS_SERVE	R enable								
10	AAA authentication "enable" only local disabled	Medium	False	False	Successful 🗸					
11	AAA authentication "enable" none disabled	High	False	False	Successful 🗸					
12	AAA authorization "exec"	High	False	False	Successful 🗸					
	t configuration setting found in: outhorization exec default group RADIUS_SERVER lo	ocal if-authen	ticated							
13	AAA authorization "exec" fallback	High	False	False	Successful 🗸					
	t configuration setting found in: outhorization exec default group RADIUS_SERVER k	ocal if-authen	ticated							
14	AAA authorization "exec" only local disabled	High	False	False	Successful 🗸					
15	AAA authorization "exec" none disabled	Critical	False	False	Successful 🗸					
16	AAA accounting "connection"	High	False	False	Successful 🗸					
	t configuration setting found in: accounting connection default start-stop group RAD	OIUS_SERVER								
17	AAA auccounting "connection" none disabled	High	False	False	Successful 🗸					
18	AAA accounting "exec"	High	False	False	Successful 🗸					
	t configuration setting found in: accounting exec default start-stop group RADIUS_S	ERVER								
19	AAA accounting "exec" none disabled	High	False	False	Successful 🗸					
20	AAA source interface	Medium	False	False	Successful 🗸					
	t configuration setting found in: lius source-interface Loopback0									
21	AAA authentication max attempts less or equal to 5	High	False	False	Successful 🗸					

Access to device

No.	Name	Severity	Skipped	Cannot determine search/fix			
1	Exec timeout <=5 minutes	Medium	False	False	Successful 🗸		
line of	t configuration setting found in: con 0 -timeout 5 0 /ty 0 4 -timeout 5 0						
2	AUX connection input disabled	High	False	False	Successful 🗸		
3	AUX no execution set	High	False	False	Successful 🗸		
line a	Right configuration setting found in: line aux 0 no exec						
4	Remote output connections disabled	Medium	False	False	Successful 🗸		

line of trans line of trans line v	port output none aux 0 port output none rty 0 4 port output none							
5	Local user database with encrypted password	Critical	False	False	Successful 🗸			
	t configuration setting found in: name admin secret 5 \$1\$gYU0\$93IIuGg5QupQM5R	QS5qHe1						
6	Local user database with plaintext password disabled	Critical	False	False	Successful 🗸			
7	Enable password encrypted	Critical	False	False	Successful 🗸			
	t configuration setting found in: le secret 5 \$1\$Ve1D\$/DENeadgROMNj6GVED.Al1							
8	Enable password plaintext disabled	Critical	False	False	Successful 🗸			
9	Local login to virtual terminal disabled	Critical	False	False	Successful 🗸			
10	Restrict login to device - IPv4 ACL	Critical	False	False	Successful 🗸			
line v	t configuration setting found in: vty 0 4 ss-class IPV4_VTY_ACL in							
11	ACL specified for VTY access is created	Critical	False	False	Error 🗶			
Fix r Cann mana ip ac rema	ment: ot be fixed automatically! notice: ot be fixed automatically! If search is not successfaging devices with these commands: cess-list standard <acl name=""> irk Permiting managemnt device iit <ip address=""> <wildcard mask=""></wildcard></ip></acl>	ul create ACL	, which permits	only needed e	end stations for			
12	Log login to device on failure	High	False	False	Successful 🗸			
	t configuration setting found in: on-failure log							
13	Log login to device on success	Medium	False	False	Successful 🗸			
	t configuration setting found in: on-success log							
14	Login quiet mode	Medium	False	False	Successful 🗸			
_	t configuration setting found in: quiet-mode access-class IPV4_VTY_ACL							
15	ACL exists for specified login quiet mode	e Medium	False	False	Error 🗶			
Cann Fix r	Comment: Cannot be fixed automatically! Fix notice: Cannot be fixed automatically! If search is not successful create ACL, which permits only needed end stations for							
mana ip ac rema	aging devices with these commands: cess-list standard <acl name=""> irk Permiting managemnt device iit <ip address=""> <wildcard mask=""></wildcard></ip></acl>	u. c. cu.c. 1.c_	,					
16	One user change config at time	High	False	False	Successful 🗸			
	t configuration setting found in: guration mode exclusive							
17	Legal banner MOTD	Low	False	False	Successful 🗸			
	t configuration setting found in: er motd ^C Unauthorized access will be prosecute	ed!! ^C						
18	Legal banner exec	Low	False	False	Successful 🗸			

Right configuration setting found in: banner exec ^C Unauthorized access will be prosecuted!! ^C banner login ^C Unauthorized access will be prosecuted!! ^C								
19	Legal banner login	Low	False	False	Successful 🗸			
Right configuration setting found in: banner login ^C Unauthorized access will be prosecuted!! ^C banner motd ^C Unauthorized access will be prosecuted!! ^C								
20	Session timeout	Medium	False	False	Successful 🗸			
line sess line sess line	at configuration setting found in: con 0 ion-timeout 30 aux 0 ion-timeout 30 vty 0 4 ion-timeout 30							
21	AUX exec timeout one second	High	False	False	Successful 🗸			
line	nt configuration setting found in: aux 0 -timeout 0 1							
22	Restrict login to device - IPv6 ACL	Critical	False	False	Successful 🗸			
line	nt configuration setting found in: vty 0 4 access-class IPV6_VTY_ACL in							
23	ACL IPv6 specified for VTY access is created	Critical	False	False	Error 🗶			
Canr	Comment: Cannot be fixed automatically!							
Canr man ipv6 rema	notice: not be fixed automatically! If search is not succes aging devices with these commands: access-list <acl name=""> ark Permiting managemnt device nit ip <ip address=""> <wildcard mask=""> any</wildcard></ip></acl>	sful create ACL	., which permi	ts only needed	end stations for			
24	Login DOS block for	High	False	False	Successful 🗸			
_	nt configuration setting found in: block-for 120 attempts 3 within 30							

SSH

No.	Name	Severity	Skipped	Cannot determine search/fix	
1	SSH enable on management connection	Critical	False	False	Successful 🗸
line v	t configuration setting found in: ty 0 4 port input ssh				
2	SSH version 2	Critical	False	False	Successful 🗸
_	t configuration setting found in: n version 2				
3	SSH timeout	Medium	False	False	Successful 🗸
_	t configuration setting found in: n time-out 30				
4	SSH max 3 retries	Medium	False	False	Successful 🗸
5	SSH source interface	High	False	False	Successful 🗸
_	t configuration setting found in: n source-interface Loopback0				
6	SSH not default port	High	False	False	Successful 🗸

Right configuration setting found in: ip ssh port 2223 rotary 1				
7 SSH not default port applied	High	False	False	Successful 🗸
Right configuration setting found in: line vty 0 4 rotary 1				

Device identification

lo. Name	Severity	Skipped	Cannot determine search/fix	
Hostname set	Low	False	False	Successful 🗸
omment: annot be fixed automatically!				
ight configuration setting found in: ostname Dist_Router				
Domain name set	Low	False	False	Successful 🗸
ight configuration setting found in: o domain name thesis-test.cz				
All interfaces have description	Low	False	False	Error X
ight configuration setting found in: Interface Ethernet0/0 escription uplink ound port(s) with error: Improved by the secription uplink ound port(s) with error: Improved by the secription uplink ound port(s) with error: Improved by the secription uplink ound port(s) with error: Improved by the secription with command: Interface description of interface interfa				

Fixing commands suppressed due to manual need of manual chenage and name determination.

SNMP

Name	Severity	Skipped	Cannot determine search/fix	
SNMP v2 write disabled	Critical	False	False	Successful 🗸
SNMP v2 read without ACL disabled	Critical	False	False	Successful 🗸
SNMP v2 read with ACL disabled	Critical	False	False	Successful 🗸
SNMP v1 trap host disabled	Critical	False	False	Successful 🗸
	SNMP v2 read without ACL disabled SNMP v2 read with ACL disabled	SNMP v2 write disabled Critical SNMP v2 read without ACL disabled Critical SNMP v2 read with ACL disabled Critical	SNMP v2 write disabled Critical False SNMP v2 read without ACL disabled Critical False SNMP v2 read with ACL disabled Critical False	Name Severity Skipped determine search/fix SNMP v2 write disabled Critical False False SNMP v2 read without ACL disabled Critical False False SNMP v2 read with ACL disabled Critical False False

5	SNMP v2 trap host disabled	Critical	False	False	Successful ✓
	SNMP v3 read	Cuiti I		Falsa	
6	[authnopriv noauth authpriv without ACL] or write disabled	Critical	False	False	Successful 🗸
7	SNMP v3 read authpriv with ACL enabled	d Critical	False	False	Successful 🗸
_	t configuration setting found in: o-server group SNMP_V3_GRP v3 priv read READVIE	-Wy3 access	SNMP V3		
8	SNMP v3 read authpriv with IPv6 ACL	Critical	False	False	Successful 🗸
	enabled				Successial *
	t configuration setting found in: server group SNMP_V3_GRP_IPV6 v3 priv read RE.	ADVIEWv3 ac	cess ipv6 SNM	P_V3_ACL6	
9	SNMP user v1 v2c or v3 [noauth authnopriv no sha no	Critical	False	False	Successful ✓
	aes without ACL] disabled		- 1	F 1	
10	SNMP trap source interface	High	False	False	Successful 🗸
_	t configuration setting found in: o-server trap-source Loopback0				
11	SNMP server location	High	False	False	Successful 🗸
_	t configuration setting found in:				
12	o-server location GNS3LAB SNMP v3 traps priv	Medium	False	False	Successful 🗸
Riah	t configuration setting found in:				
	o-server host 192.168.60.11 version 3 priv SNMPv3	USER			
13	SNMP traps v3 read [authnopriv noauth] or v1 v2 disabled	Critical	False	False	Successful 🗸
14	SNMP traps enabled	Medium	False	False	Successful 🗸
_	t configuration setting found in: o-server enable traps snmp authentication linkdown	a linkun colds	tart warmstart		
15	ACL is created for SNMPv3	Critical	False	False	Error X
Com	ment:				
	ot be fixed automatically!				
	otice: ot be fixed automatically! If search is not successfi	ul croato ACI	which permits	anly needed o	and stations for
recei	ving SNMP with these commands: cess-list standard <acl name=""></acl>	ii create ACL	, which permits	only needed e	end stations for
rema	rk Permiting SNMP it <ip address=""> <wildcard mask=""></wildcard></ip>				
16	ACL IPv6 is created for SNMPv3	Critical	False	False	Error X
Com	ment:				
Cann	ot be fixed automatically!				
	otice: ot be fixed automatically! If search is not successfi	ıl create ΔCI	which permits	only needed e	and stations for
recei	ving SNMP with these commands: access-list <acl name=""></acl>	ar create Ace	, willen permite	only needed e	and stations for
rema	rk Permiting managemnt device it ip <ip address=""> <wildcard mask=""> any</wildcard></ip>				
17	SNMP interface index persist enabled	High	False	False	Successful 🗸
	globally				
	t configuration setting found in: o-server ifindex persist				
18	SNMP interface index persist enabled per interface	High	False	False	Matched by equivalent ✓
	ment: lle was marked as matched by equivalent by modu	lle 05_20_snn	np_ifindex_pers	sist_globally.ya	ml

Syslog

No.	Name	Severity	Skipped	Cannot determine search/fix	
1	Syslog server enabled	High	False	False	Successful 🗸
_	t configuration setting found in: ng host 192.168.60.11				
2	Syslog server IPv6 enabled	High	False	False	Not relevant ✓
Modu	ment: lle 06_02_syslog_server_ipv6.yaml configured to ru lle has not run yet with specified cmd_match_statu				
3	Syslog source interface	Medium	False	False	Successful 🗸
	t configuration setting found in: ng source-interface Loopback0				
4	Syslog format	Medium	False	False	Successful 🗸
	t configuration setting found in: ce timestamps log datetime msec				
5	Syslog critical alerts to console	Medium	False	False	Successful 🗸
_	t configuration setting found in: ng console critical				
6	Syslog send informational traps	High	False	False	Successful 🗸
7	Syslog buffer set with severity	High	False	False	Successful 🗸
	t configuration setting found in: ng buffered 40960 informational				
8	Syslog local backup	High	False	False	Successful 🗸
	t configuration setting found in: ng persistent url unix:/				
9	Syslog sequence numbers added	Medium	False	False	Successful 🗸
_	t configuration setting found in: ce sequence-numbers				

NTP

No.	Name	Severity	Skipped	Cannot determine search/fix	
1	NTP server set	High	False	False	Successful 🗸
	t configuration setting found in: erver 192.168.60.11				
2	NTP source interface	Medium	False	False	Successful 🗸
_	t configuration setting found in: ource Loopback0				
3	NTP authentication key	High	False	False	Successful 🗸
_	t configuration setting found in: uthentication-key 1 md5 11070D152713181F132E	7A767B 7			
4	NTP trusted key	High	False	False	Successful 🗸
_	t configuration setting found in: rusted-key 1				
5	NTP authenticate	High	False	False	Successful 🗸
_	t configuration setting found in: uthenticate				

High load

No.	Name	Severity	Skipped	Cannot determine search/fix	Status		
1	SNMP traps for CPU load	Medium	False	False	Successful 🗸		
_	t configuration setting found in: -server enable traps cpu threshold						
2	Threshold for CPU load	Medium	False	False	Successful 🗸		
_	t configuration setting found in: ess cpu threshold type total rising 70 interval 5						
3	Statistics entry for CPU load	Low	False	False	Successful 🗸		
_	Right configuration setting found in: process cpu statistics limit entry-percentage 70						
4	Reserve memory for critical notification	Medium	False	False	Successful 🗸		
_	t configuration setting found in: ory reserve critical 1000						
5	Minimum CPU memory notification	Medium	False	False	Successful 🗸		
_	t configuration setting found in: ory free low-watermark processor 2000						
6	Minimum IO memory notification	Medium	False	False	Error 🗶		
	erated fix: ory free low-watermark io 2000						

Network Mapping

No.	Name	Severity	Skipped	Cannot determine search/fix	
1	CDP globally disabled	Critical	False	False	Successful 🗸
_	t configuration setting found in: Ip run				
2	CDP disabled on interface(s)	Critical	False	False	Matched by equivalent ✓
	ment: ile was marked as matched by equivalent by mod	ule 11_01_cdp	_run_disabled.	yaml	
3	LLDP globally disabled	Critical	False	False	Successful 🗸
4	LLDP receive disabled on interface(s)	Critical	False	False	Not relevant ✓
Modu	ment: lle 11_04_lldp_receive.yaml configured to run afte oot run yet with specified cmd_match_status, 11_0				error but that modu
5	LLDP transmit disabled on interface(s)	Critical	False	False	Not relevant ✓
	ment: Ile 11_05_lldp_transmit.yaml configured to run aft Ile has not run yet with specified cmd_match_stat				s error but that
				False	Successful 🗸

Right configuration setting found in:

interface Loopback0 no ip proxy-arp interface Tunnel0 no ip proxy-arp interface Ethernet0/0 no ip proxy-arp interface Ethernet0/1 no ip proxy-arp interface Ethernet0/1.50 no ip proxy-arp interface Ethernet0/1.60 no ip proxy-arp interface Ethernet0/2 no ip proxy-arp interface Ethernet0/3 no ip proxy-arp interface Ethernet1/0 no ip proxy-arp interface Ethernet1/1 no ip proxy-arp interface Ethernet1/2 no ip proxy-arp interface Ethernet1/3 no ip proxy-arp interface Serial2/0 no ip proxy-arp interface Serial2/1 no ip proxy-arp interface Serial2/2 no ip proxy-arp interface Serial2/3

no ip proxy-arp interface Serial3/0 no ip proxy-arp interface Serial3/1 no ip proxy-arp interface Serial3/2 no ip proxy-arp interface Serial3/3 no ip proxy-arp

ICMP Unreachable disabled on High **False** False Successful 🗸 interface(s)

Right configuration setting found in: interface Loopback0 no ip unreachables interface Tunnel0 no ip unreachables interface Ethernet0/0 no ip unreachables interface Ethernet0/1 no ip unreachables interface Ethernet0/1.50 no ip unreachables interface Ethernet0/1.60 no ip unreachables interface Ethernet0/2 no ip unreachables interface Ethernet0/3 no ip unreachables interface Ethernet1/0 no ip unreachables interface Ethernet1/1 no ip unreachables interface Ethernet1/2 no ip unreachables interface Ethernet1/3 no ip unreachables interface Serial2/0 no ip unreachables interface Serial2/1 no ip unreachables interface Serial2/2 no ip unreachables interface Serial2/3 no ip unreachables interface Serial3/0 no ip unreachables interface Serial3/1 no ip unreachables interface Serial3/2 no ip unreachables interface Serial3/3 no ip unreachables ICMPv6 Unreachable disabled on High **False** False Successful 🗸 interface(s)

Right configuration setting found in:

interface Loopback0 no ipv6 unreachables interface Tunnel0 no ipv6 unreachables interface Ethernet0/0 no ipv6 unreachables interface Ethernet0/1 no ipv6 unreachables interface Ethernet0/1.50 no ipv6 unreachables interface Ethernet0/1.60 no ipv6 unreachables interface Ethernet0/2 no ipv6 unreachables interface Ethernet0/3 no ipv6 unreachables interface Ethernet1/0 no ipv6 unreachables interface Ethernet1/1 no ipv6 unreachables interface Ethernet1/2 no ipv6 unreachables interface Ethernet1/3 no ipv6 unreachables interface Serial2/0 no ipv6 unreachables interface Serial2/1 no ipv6 unreachables interface Serial2/2 no ipv6 unreachables interface Serial2/3 no ipv6 unreachables interface Serial3/0 no ipv6 unreachables interface Serial3/1 no ipv6 unreachables interface Serial3/2 no ipv6 unreachables interface Serial3/3 no ipv6 unreachables

9	ICMP Mask Reply disabled on interface(s)	High	False	False	Successful 🗸
10	Directed broadcast disabled on interface(s)	Critical	False	False	Successful 🗸
11	ICMP Redirects disabled on interface(s)	High	False	False	Successful 🗸

Right configuration setting found in:

interface Loopback0 no ip redirects interface Tunnel0 no ip redirects interface Ethernet0/0 no ip redirects interface Ethernet0/1 no ip redirects interface Ethernet0/1.50 no ip redirects interface Ethernet0/1.60 no ip redirects interface Ethernet0/2 no ip redirects interface Ethernet0/3 no ip redirects interface Ethernet1/0 no ip redirects interface Ethernet1/1 no ip redirects interface Ethernet1/2 no ip redirects interface Ethernet1/3 no ip redirects interface Serial2/0 no ip redirects interface Serial2/1 no ip redirects interface Serial2/2 no ip redirects interface Serial2/3 no ip redirects interface Serial3/0 no ip redirects interface Serial3/1 no ip redirects interface Serial3/2 no ip redirects interface Serial3/3 no ip redirects

Routing

No.	Name	Severity	Skipped	Cannot determine search/fix	Status		
1	OSPF IPv4 Router ID	Medium	False	False	Successful 🗸		
route	t configuration setting found in: r ospf 1 r-id 1.1.1.1						
2	OSPF IPv6 Router ID	Medium	True	False	Not relevant ✓		
Comment: Skipped, required function ospf ipv6 not configured on device. Everything is OK.							
3	OSPFv3 Address Family General Router ID	Medium	True	False	Not relevant ✓		
	ment: led, required function ospfv3 not configured on de	vice. Everythi	ng is OK.				
4	OSPFv3 Address Family IPv4 Router ID	Medium	True	False	Not relevant ✓		
	ment: ed, required function ospfv3 not configured on dev	vice. Everythi	ng is OK.				
5	OSPFv3 Address Family IPv6 Router ID	Medium	True	False	Not relevant ✓		
	ment: ed, required function ospfv3 not configured on dev	vice. Everythi	ng is OK.				
6	EIGRP IPv4 Router ID	Medium	True	False	Not relevant ✓		

7	EIGRP IPv6 Router ID	Medium	True	False	Not relevant
					•
	nment: ped, required function eigrp ipv6 not configured	on device. Ever	ything is OK.		
8	EIGRP Named IPv4 Router ID	Medium	False	False	Successful 🗸
oute addr	et configuration setting found in: er eigrp EIGRP_NAMED ess-family ipv4 unicast autonomous-system 1 o router-id 2.2.2.2				
9	EIGRP Named IPv6 Router ID	Medium	False	False	Successful 🗸
route addr	or configuration setting found in: er eigrp EIGRP_NAMED ess-family ipv6 unicast autonomous-system 1 or router-id 10.10.10.2				
10	BGP Router ID	Medium	True	False	Not relevant ✓
	nment: ped, required function bgp not configured on de	vice. Everything	ı is OK.		
11	OSPF IPv4 Log adjacency changes	Medium	False	False	Successful 🗸
12	OSPF IPv6 Log adjacency changes	Medium	True	False	Not relevant ✓
	nment: ped, required function ospf ipv6 not configured	on device. Every	vthing is OK		
13	OSPFv3 Address Family IPv6 Log adjacency changes	Medium	True	False	Not relevant ✓
	nment: ped, required function ospfv3 not configured on	device. Everyth	ing is OK.		
14	OSPFv3 Address Family IPv4 Log adjacency changes	Medium	True	False	Not relevant ✓
	nment: ped, required function ospfv3 not configured on	device. Everyth	ina is OK.		
15	OSPFv3 Address Family IPv6 Log adjacency changes	Medium	True	False	Not relevant ✓
	nment: ped, required function ospfv3 not configured on	device. Everyth	ina is OK.		
16	EIGRP IPv4 Log neighbor changes	Medium	True	False	Not relevant ✓
	nment: ped, required function eigrp ipv4 not configured	on device. Ever	vthing is OK.		
17	EIGRP IPv6 Log neighbor changes	Medium	True	False	Not relevant ✓
	n ment: ped, required function eigrp ipv6 not configured	on device. Eve	wthing is OV		
3Kipi 18	EIGRP Named IPv4 Log neighbor changes	Medium	False	False	Successful 🗸
19	EIGRP Named IPv6 Log neighbor changes	Medium	False	False	Successful 🗸
20	BGP Log neighbor changes	Medium	True	False	Not relevant ✓
	nment: ped, required function bgp not configured on de	vice Everything	ı is OK		
	pea, regained ranction byp not configured off de	VICCI EVCI YUIIIIU	, ,,, ,,,,,		

route	t configuration setting found in: er rip uto-summary								
22	EIGRP IPv4 Auto summary disabled	High	True	False	Not relevant				
	Comment: Skipped, required function eigrp ipv4 not configured on device. Everything is OK.								
23	EIGRP IPv6 Auto summary disabled	High	True	False	Not relevant ✓				
	ment: ped, required function eigrp ipv6 not configured on	device. Ever	ything is OK.						
24	EIGRP Named IPv4 Auto summary disabled	High	False	False	Successful 🗸				
25	EIGRP Named IPv6 Auto summary disabled	High	False	False	Successful 🗸				
26	BGP Auto summary disabled	High	True	False	Not relevant ✓				
	Comment: Skipped, required function bap not configured on device. Everything is OK.								
27	BGP Multihop disabled or TTL security used	High	True	False	Not relevant ✓				
	ment: ped, required function bgp not configured on devic	e. Everything	is OK.						
28	IP Source routing (IP Options) disabled	Critical	False	False	Successful 🗸				

Filtering

No.	Name	Severity	Skipped	Cannot determine search/fix	
1	IP Options disabled	Critical	False	False	Successful 🗸
_	t configuration setting found in: tions drop				

Other

No.	Name	Severity	Skipped	Cannot determine search/fix	
1	Servis PAD disabled (Packet assembler disassembler)	High	False	False	Successful 🗸
_	t configuration setting found in: rvice pad				
2	BOOTP server disabled	High	False	False	Successful 🗸
_	t configuration setting found in: bootp server				
3	Ident protocol disabled	High	False	False	Successful 🗸
4	Finger protocol disabled	High	False	False	Successful 🗸
5	HTTP server disabled	High	False	False	Successful 🗸
6	HTTPS server disabled	High	False	False	Successful 🗸
7	TCP small server disabled	High	False	False	Successful 🗸
8	UDP small server disabled	High	False	False	Successful 🗸
	MOP protocol disabled	High	False	False	Successful 🗸

_	nt configuration setting found in: face Ethernet0/0				
	op enabled face Ethernet0/1				
	nace Etherneto/1				
	face Ethernet0/2				
	op enabled face Ethernet0/3				
	race Etherneto/3				
	face Ethernet1/0				
	op enabled face Ethernet1/1				
	op enabled				
	face Ethernet1/2				
	op enabled face Ethernet1/3				
	op enabled				
10	IP domain lookup disabled	High	False	False	Successful 🗸
	t configuration setting found in: domain lookup				
11	Gratuitous ARPs generation disabled	High	False	False	Successful 🗸
	t configuration setting found in: gratuitous-arps				
12	Gratuitous ARPs reject enabled	High	False	False	Successful 🗸
Rich	it configuration setting found in:				
_	p gratuitous none				
13	Netflow is disabled	Notice	False	False	Successful 🗸
By d	gnore comment: efault fix is ignored due to disablement of traffic itoring	monitoring. Co	nsider wheth	er port mirror	ing is neccesary for
14	Netflow version 9 used	Medium	False	False	Not relevant ✓
Modu	ment: ule 15_14_netflow_version_9.yaml configured to not run yet with specified cmd_match_status, 15_				error but that module
15	Netflow traffic analyze disabled on interface(s)	Notice	False	False	Not relevant ✓
Modu	ment: ule 15_15_netflow_interface.yaml configured to roun un yet with specified cmd_match_status, 15_15_				error but that module ha
By d	gnore comment: efault fix is ignored due to disablement of traffic itoring	monitoring. Co	nsider wheth	er port mirror	ing is neccesary for
16	Port mirroring disabled on interface(s)	Notice	False	False	Successful 🗸
By d	gnore comment: efault fix is ignored due to disablement of traffic itoring	monitoring. Co	nsider wheth	er port mirror	ing is neccesary for
17	Set always "UP" Loopback interface wi IP address	th Medium	False	False	Successful 🗸
inter ip ad no ip no ip no ip no ip no ip no ip	t configuration setting found in: face Loopback0 dress 1.1.1.1 255.255.255.0 redirects unreachables proxy-arp v6 redirects v6 unreachables o ifindex persist				
18	Notification on memory IO leak/overflo	w Medium	False	False	Error 🗶
	erated fix: ption memory ignore overflow io				

19 Notification on memory CPU leak/overfillow Generated fix: Sception memory ignore overflow processor 20 Network boot disabled Medium False False Successful ✓ 21 Network config load disabled Medium False False Successful ✓ 21 Network config load disabled Medium False False Successful ✓ 22 SCP server enabled False False Successful ✓ 23 SCP alias copy instead of TFTP High False False Successful ✓ 24 Protection of configuration deletion High False False Successful ✓ 25 Archive and log config changes Medium False False Successful ✓ 26 Terminate hanged one of the configuration setting found in: secure boot-config Successful ✓ 25 Archive and log config changes Medium False False Successful ✓ 26 Terminate hanged one of the configuration setting found in: archive log config system secret \$ 518;9709931kidg\$SoupOM\$RO\$59iHe1 secure boot-config 26 Terminate hanged inbound TCP Medium False False Successful ✓ 26 Terminate hanged inbound TCP Medium False False Successful ✓ 27 Terminate hanged outbound TCP Successful Secure boot-config Secure boot-config Secure S	19					
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	28 Righ	Encrypt all saved passwords in configuration t configuration setting found in: arvice password-encryption				

Fix notice: Issue one of these command for FHRP in interface which should act as default gateway: interface <interface name=""> standby <id> ip <ip address=""> vrrp <id> ip <ip address=""></ip></id></ip></id></interface>							
glbp	<id> ip <ip address=""></ip></id>						
30	VRRP version 3 used	High	True	False	Not relevant ✓		
	nment: ped, required function vrrp not configured on devic	ce. Everything	g is OK.				
31	FHRP plaintext authentication disabled	High	False	False	Not relevant ✓		
Comment: Module 15_31_fhrp_plain_auth.yaml configured to run after 15_29_fhrp_used.yaml with status successful but that module has not run yet with specified cmd_match_status, 15_31_fhrp_plain_auth.yaml will not run							
32	FHRP MD5 authentication enabled	High	False	False	Not relevant ✓		
Mod	nment: ule 15_32_fhrp_md5_auth.yaml configured to run a ule has not run yet with specified cmd_match_stat						
33	HSRP/GLBP preemption enabled	Medium	True	False	Not relevant ✓		
	nment: ped, required function hsrp not configured on device	ce. Everythin	g is OK.				
34	HSRP version 2 used	Medium	True	False	Not relevant ✓		
	Comment: Skipped, required function hsrp not configured on device. Everything is OK.						